

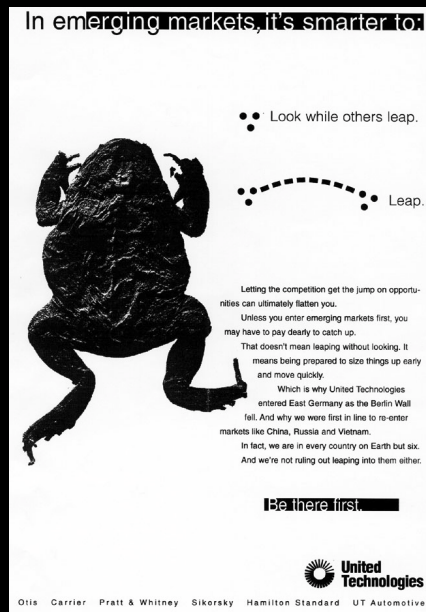
Pratt & Whitney

A United Technologies Company

Pratt and Whitney North
Berwick Parts Center -
Climate Wise Member

since
9/98





Mission Statement

Be there first!

- Accepted UTC's challenge of acting as a pilot site to explore UTC's participation in EPA/DOE's voluntary Climate Wise Program.
- Used Climate Wise membership to heighten stakeholders' awareness of UTC's EH&S energy and water conservation goals.
- Used Climate Wise tools to track and accelerate attainment of conservation goals and programs.



Be There First has paid off...

Phase 1 offers 71% of Year 2001 energy goal
Phase 2 initiated

Beyond facility systems
Beyond Low hanging fruit
Holiday Challenges

Cultural changes (shut it off)

Voluntary efforts have enhanced credibility with key policy makers and positioned UTC to help shape future programs



Quality

- Maintained via measurement/verification plan
 - Product yields not effected while reducing cost/unit.
 - Indoor Air Enhanced (increase comfort for employees)
 - Visibility increased via lighting program



Coating Booth Savings

- Re-engineered process to reduce static loss through filters thus allowing for use of smaller fans.



**BTU Reduction =
2.6 %**

**Preventative
Maintenance
Savings =
\$94,000**

**Energy Savings =
\$86,000**

**Total Savings =
\$180,000**



Process Water Savings

- **Re-engineered cooling water processes in heat treat area to eliminate need for one cooling tower.**
 - **BTU reduction = 3.3 %**
 - **Energy Savings = \$53,000**
 - **Point of use for water re-use program**



Ventilation Savings

- Re-engineered industrial facility ventilation to improve air interchange throughout building.

BTU reduction = 4.8 %

Energy Savings = \$123,400

